

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

Please amend the claims as follows:

1. (Currently Amended) A computer system comprising:

a first heat generating element in which a heat generation amount is changed;

a second heat generating element;

a fan configured to cool the first and second heat generating elements;

a first temperature sensor configured to detect a temperature of the first heat generating element;

a second temperature sensor configured to detect a temperature of the second heat generating element; and

a controller configured to control a rotation speed of the cooling fan, based on the temperatures detected by the first and second temperature sensors, the controller being configured to cause ~~a power source to be turned off~~ a processor to execute processing which includes data withdrawal when at least the temperature detected by the first temperature sensor exceeds a predetermined value, and to cause a power source to be turned off after the processor executes the processing which includes the data withdrawal.

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2. (Original) The computer system according to claim 1, wherein the controller includes a first control flag which is switched on/off in accordance with a change of the temperature detected by the first sensor, and a second control flag which is switched on/off in accordance with a change of the temperature detected by the second sensor, and the rotation speed of the cooling fan is determined in correspondence with a combination of states of the first and second control flags.

3. (Original) The computer system according to claim 2, wherein the first control flag is switched on when the temperature detected by the first sensor exceeds a first predetermined value, and the first control flag is switched off when the temperature detected by the first sensor goes under a second predetermined value, and

the second control flag is switched on when the temperature detected by the second sensor exceeds a third predetermined value, and the second control flag is switched off when the temperature detected by the second sensor goes under a fourth predetermined value.

4. (Currently Amended) The computer system according to claim 1, wherein the first heat generating element comprises a CPU and the second heat generating element comprises a power source circuit.

5. (Canceled)

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6. (Currently Amended) A method of controlling a rotation speed of a cooling fan in a computer system including a first heat generating element in which a heat generation amount is changed and a second heat generating element, the method comprising:

cooling the first and second heat generating elements by a fan;

detecting a temperature of the first heat generating element by a first temperature sensor;

detecting a temperature of the second heat generating element by a second temperature sensor;

controlling the rotation speed of the cooling fan, based on the temperatures respectively detected by the first and second temperature sensors; ~~and~~

~~causing a power source to be turned off~~ causing a processor to execute processing which includes data withdrawal when at least the temperature detected by the first temperature sensor exceeds a predetermined value; and

causing a power source to be turned off after the processor executes the processing which includes the data withdrawal.

7. (Original) The method according to claim 6, wherein in the controlling the rotation speed of the cooling fan, a first control flag is switched on/off in accordance with a change of the temperature detected by the first sensor, a second control flag is switched on/off in accordance with a change of the temperature detected by the second sensor, and the rotation speed of the cooling fan is determined in correspondence with a combination of states of the first and second control flags.

8. (Original) The method according to claim 7, wherein the first control flag is switched on when the temperature detected by the first sensor exceeds a first predetermined value, and the first control flag is switched off when the temperature detected by the first sensor goes under a second predetermined value, and the second control flag is switched on when the temperature detected by the second sensor exceeds a third predetermined value, and the second control flag is switched off when the temperature detected by the second sensor goes under a fourth predetermined value.

9. (Currently Amended) The method according to claim 6, wherein the first heat generating element comprises a CPU and the second heat generating element comprises a power source circuit.

Claims 10-17 (Canceled)

18. (Currently Amended) A method of controlling a rotation speed of a cooling fan in a computer system, the method comprising:

cooling a CPU and a heat generating element by a fan, by introducing cooling gas to the CPU and further introducing the cooling gas to the heat generating element through the CPU, the CPU capable of operating in at least two kinds of states having respectively different heat generation levels, and a heat generating element different from the CPU;

detecting a temperature of the CPU by a first temperature sensor;

detecting a temperature of the heat generating element by a second temperature sensor; and

controlling the fan to rotate at a first rotation speed if the first temperature sensor detects a temperature at which the CPU should be cooled and if the second temperature sensor does not detect a temperature at which the heat generating element should be cooled, controlling the fan to rotate at a second rotation speed higher than the first rotation speed if the first temperature sensor does not detect the temperature at which the CPU should be cooled and if the second temperature sensor detects the temperature at which the heat generating element should be cooled, and controlling the fan to rotate at a third rotation speed higher than the second rotation speed if the first temperature sensor detects the temperature at which the CPU should be cooled and if the second temperature sensor detects the temperature at which the heat generating element should be cooled;

causing a processor to execute processing which includes data withdrawal when the temperature detected by the first temperature sensor exceeds a predetermined value which cannot be lowered by the fan; and

causing a power source to be turned off after the processor executes the processing which includes the data withdrawal.

Claims 19-21 (Canceled)

22. (Currently amended) A computer system comprising:

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a first heat generating element comprising a CPU;
a second heat generating element ~~comprising a power source circuit;~~
a first temperature sensor configured to detect a temperature of the first heat generating element;
a second temperature sensor configured to detect a temperature of the second heat generating element;
a fan configured to cool the first and second heat generating elements; and
a controller configured to control the fan to i) rotate at a first rotation speed if the temperature detected by the first temperature exceeds a first value and the temperature detected by the second temperature does not exceed a second value, and ii) rotate at a second rotation speed higher than the first rotation speed if the temperature detected by the first temperature does not exceed the first value and the temperature detected by the second temperature exceeds the second value, the controller being configured to cause the CPU to execute processing which includes data withdrawal when the temperatures detected by the first and second temperature sensors exceed a third value, and to cause a power source to be turned off after the CPU executes the processing which includes the data withdrawal.

Claims 23-26 (Canceled)

AMENDMENTS TO THE DRAWINGS:

Subject to the Examiner's approval, please substitute FIG. 7 with the attached substitute FIG. 7.

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